

12. "added" The polynucleotide of Claim 11 wherein the sequence identity is at least 90%.

13. "added" The polynucleotide of Claim 11 wherein the sequence identity is at least 95%.

14. "added" The polynucleotide of Claim 11 wherein the polynucleotide encodes a polypeptide selected from the group consisting of SEQ ID NOs:10, 12, 14, and 16.

15. "added" The polynucleotide of Claim 11, wherein the polynucleotide comprises a nucleotide sequence selected from the group consisting of SEQ ID NOs:9, 11, 13, and 15.

16. "added" An isolated complement of the polynucleotide of Claim 11, wherein (a) the complement and the polynucleotide consist of the same number of nucleotides, and (b) the nucleotide sequences of the complement and the polynucleotide have 100% complementarity.

17. "added" An isolated polynucleotide that (1) comprises at least 400 contiguous nucleotides and (2) remains hybridized with the isolated polynucleotide of Claim 11 under a wash condition of 0.1X SSC, 0.1% SDS, and 65°C.

18. "added" A chimeric gene comprising the polynucleotide of Claim 11 operably linked to at least one regulatory sequence.

19. "added" A cell comprising the polynucleotide of Claim 11.

20. "added" The cell of Claim 19, wherein the cell is selected from the group consisting of a yeast cell, a bacterial cell and a plant cell.

21. "added" A virus comprising the polynucleotide of Claim 11.

22. "added" A transgenic plant comprising the polynucleotide of Claim 11.

23. "added" A method for transforming a cell comprising introducing into a cell the polynucleotide of Claim 11.

24. "added" A method for producing a transgenic plant comprising (a) transforming a plant cell with the polynucleotide of Claim 11, and (b) regenerating a plant from the transformed plant cell.

25. "added" A vector comprising the polynucleotide of Claim 11.

26. "added" A seed comprising the chimeric gene of Claim 18.

27. "added" A method for isolating a polypeptide encoded by the polynucleotide of Claim 11 comprising isolating the polypeptide from a cell transformed with said polynucleotide.

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